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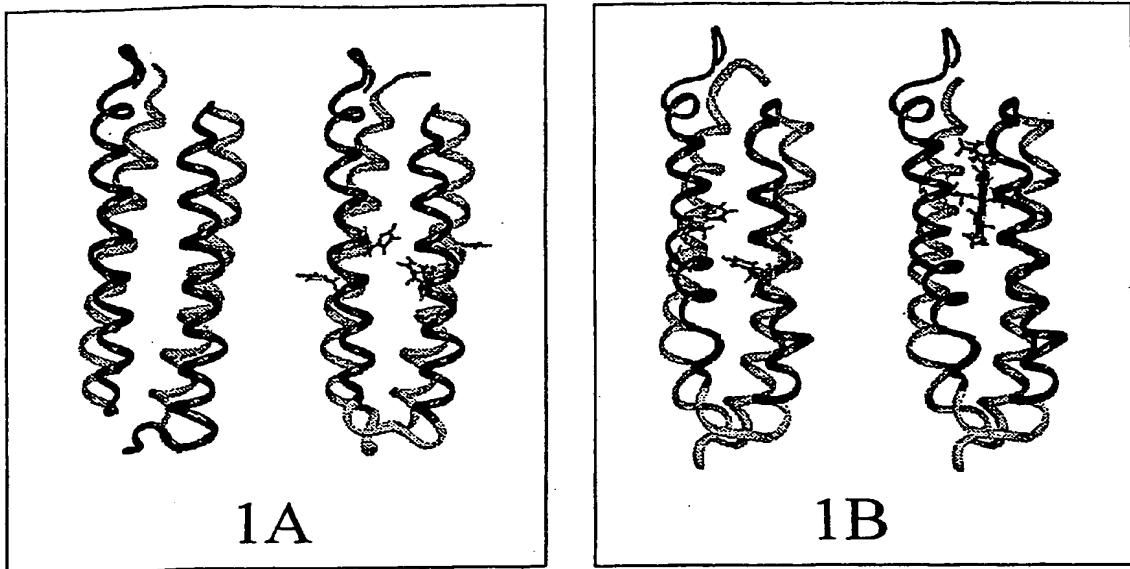


FIGURE 1

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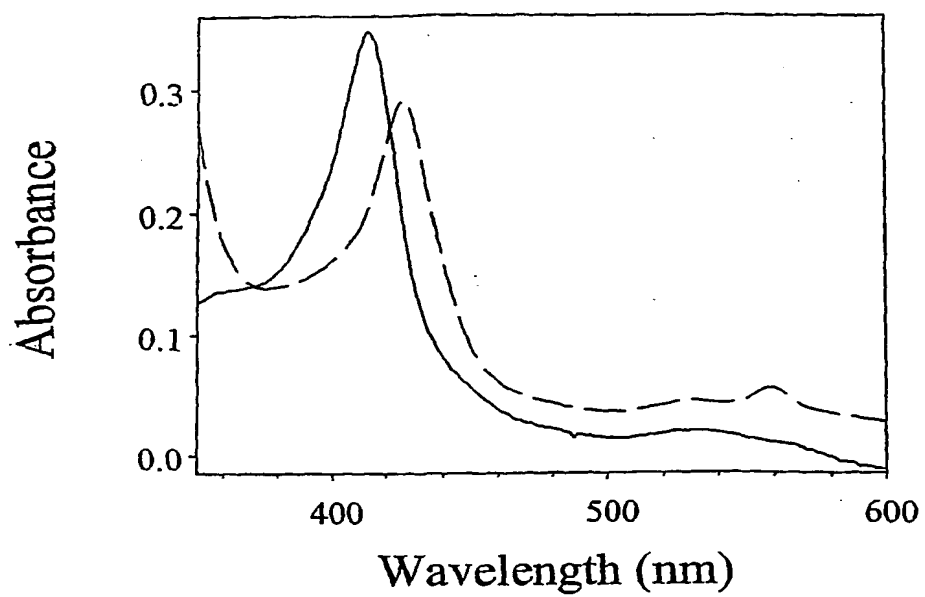


FIGURE 2

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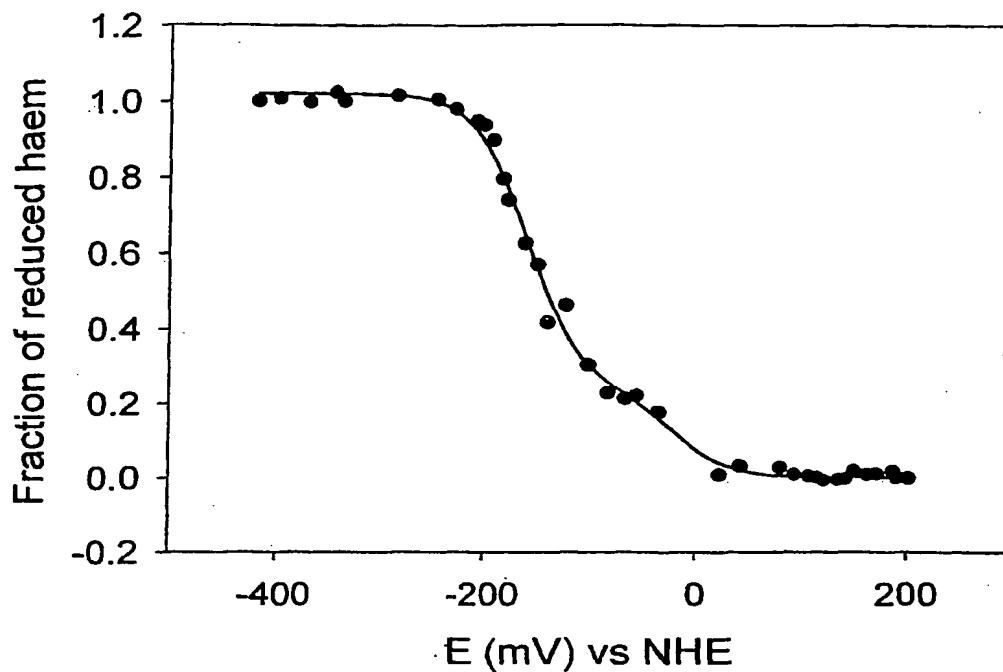


Figure 3A

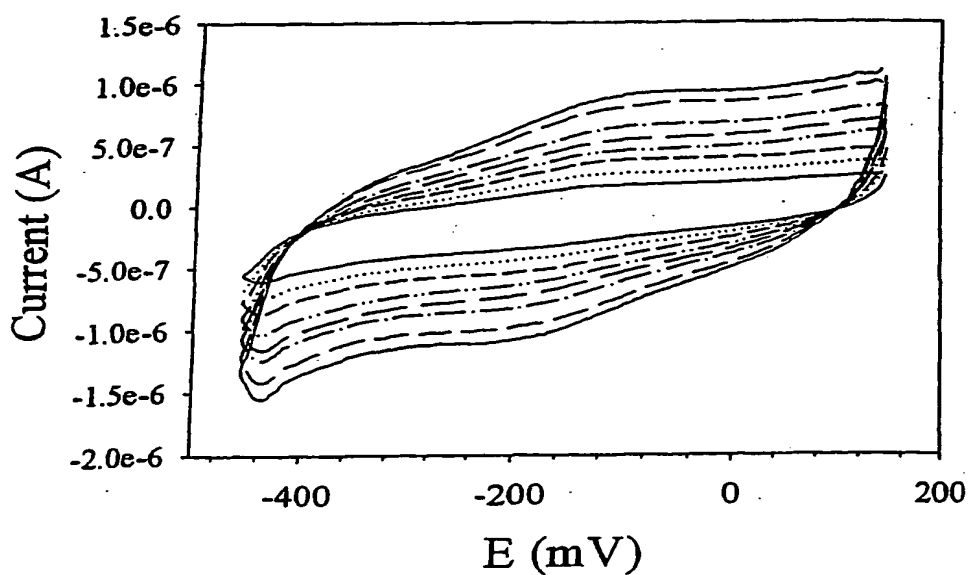


Figure 3B

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Sequence of monomeric S55 rop

(psp7 amplification upstream sequence)

GCGAATATGAA TACGACTGAC TATAGGGGAA TTGTGAGCGG ATAACAATTC
 CCCTCTAGCT AGAAATAATT TTGTTTAACT TTAAGAAGGA GATATACC

1																				10																				20
M	G	T	K	Q	E	K	T	A	L	N	M	A	R	F	I	R	S	Q	T																					
ATG	GGT	ACC	AAA	CAA	GAA	AAA	ACC	GCC	CTT	AAC	ATG	GCC	CGC	TTT	ATC	AGA	AGC	CAG	ACA																					
21																				30																				40
L	T	L	L	E	K	L	N	E	L	G	G	G	G	G	T	K	Q	E	K																					
TTA	ACG	CTT	CTG	GAG	AAA	CTC	AAC	GAG	CTG	GGT	GGC	GGT	GGC	GGT	ACC	AAA	CAA	GAG	AAG																					
41																				50																				60
T	A	L	N	M	A	R	F	I	R	S	Q	T	L	T	L	L	E	K	L																					
ACC	GCC	CTT	AAC	ATG	GCC	CGC	TTT	ATC	AGA	TCT	CAG	ACA	TTA	ACG	CTT	CTA	GAG	AAG	CTT																					
61																				70																				80
N	E	L	G	A	D	E	Q	A	D	I	C	E	S	L	H	D	H	A	D																					
AAC	GAG	CTC	GGG	GCG	GAT	GAA	CAG	GCA	GAC	ATA	TGT	GAA	TCG	CTT	CAC	GAC	CAC	GCT	GAT																					
81																				90																				100
E	L	Y	R	S	C	L	A	R	F	G	G	G	G	G	A	D	E	Q	A																					
GAG	CTT	TAC	CGC	AGC	TGC	CTT	GCC	CGT	TTC	GGT	GGC	GGT	GGC	GGT	GCG	GAT	GAA	CAG	GCA																					
101																				110																				120
D	I	C	E	S	L	H	D	H	A	D	E	L	Y	R	S	C	L	A	R																					
GAC	ATC	TGT	GAA	TCG	CTT	CAC	GAC	CAC	GCT	GAT	GAG	CTT	TAC	CGC	AGC	TGC	CTT	GCC	CGT																					
121																																								
F	G	D	D	G	E	N	L	-	stop																															
TTC	GGC	GAC	GAC	GGT	GAA	AAC	CTG	TAG																																

GGATCCGGCT GCTAACAAAG CCCGAAAGGA AGCTGAGTTG GCTGCTGCCA CCGCTGAGC
 (asp4 amplification downstream sequence)

Figure 5

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	10	20	30	40	50

RDM14-5	MGTKQEK	TAL NMARF	FIRSQT	LTLLEK	LNEL GGGG
	GTKQEK	TALNMAR	FIR		
	60	70	80	90	100

RDM14-5	SQTLTHLEK	L NELGADE	QAD ICESLAD	WAD ELYRSCLAR	F GGGGGADEQA
	110	120	130		

RDM14-5	DICESLADWA	DEHYRSCLAR	FGDDGENL*		

Figure 6